Title: "Integer Cycle Frequency Hopping Modulation For The Radio Frequency Transmission of High Speed Data"

Serial No. 10/765,442

Attorney Docket No. P031696-08UT

Responsive to Office Action Mailed October 31, 2006
Date: April 13, 2007

REMARKS

The Examiner previously rejected the claims as failing to comply with the written

description. The Examiner stated that the claims, as previously amended with the newly added

limitation"--- resulting in a spectral output of multiple frequencies spread over a broad spectral

band during said altered 360 degree cycle," contain subject matter which was not described in

the specification in such a way as to reasonably convey to one skilled in the relevant art that the

inventor(s), at the time the application was filed, had possession of the claimed invention.

Applicant then amended the claims with language from the original specification which the

Examiner has now rejected based on the FSK prior art of Iishi.

In this amendment Applicant has attached spectral plots showing that a typical FSK

signal as generated by as system such as Iishi's and the Integer Cycle Modulation system as

disclosed in this application both operating at 1GigHz and 915MHz. These plots show the

significant difference between an FSK system and an Integer Cycle Modulation system. This

difference is based on the fact that in the Integer Cycle Modulation system as disclosed the

change of frequency from the carrier (F0) to the modulation event (F1) starts at the precise zero

degree phase angle and ends at precisely the 360 degree phase angle thus reducing the spurious

emission on the spectrum. Applicant has added this additional limitation to the claims to

distinguish this disclosure from Iishi.

Amended Claims 1-17 now appear in the application which clearly point out and claim

the invention with no new matter added. Reconsideration of the application and the patentable

merits of the subject matter covered by these claims is respectfully requested. Applicant submits

that claims 1-17 are allowable and respectfully requests early favorable action by the Examiner.

9

Title: "Integer Cycle Frequency Hopping
Modulation For The Radio Frequency
Transmission of High Speed Data"
Serial No. 10/765,442
Attorney Docket No. P031696-08UT
Responsive to Office Action Mailed October 31, 2006
Date: April 13, 2007

If the Examiner believes a telephonic interview with Applicant's representative would aid in the prosecution of this application, he is cordially invited to contact Applicant's representative at the below listed number.

April 13, 2007 Date Respectfully submitted,

Dennis L. Cook, Esq.

Registration No. 30,826 Phone No.: 813-814-1141

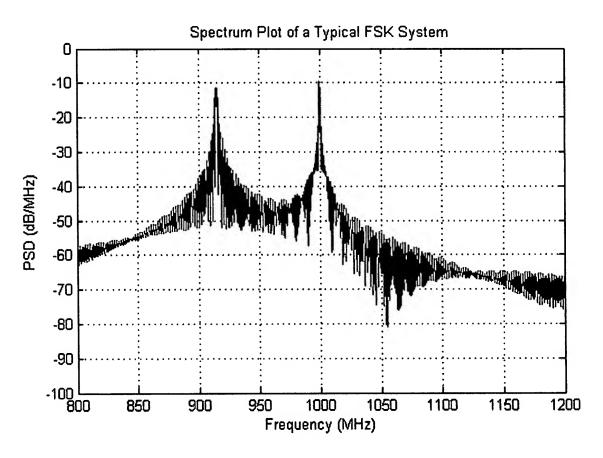
Fax No.: 813-814-1121

Address: 12718 Dupont Circle

Tampa, FL 33626



Title: "Integer Cycle Frequency Hopping
Modulation For The Radio Frequency
Transmission of High Speed Data"
Serial No. 10/765,442
Attorney Docket No. P031696-08UT
Responsive to Office Action Mailed October 31, 2006
Date: April 13, 2007



Title: "Integer Cycle Frequency Hopping
Modulation For The Radio Frequency
Transmission of High Speed Data"
Serial No. 10/765,442
Attorney Docket No. P031696-08UT
Responsive to Office Action Mailed October 31, 2006
Date: April 13, 2007

